

Title (en)

Method for editing 3D image segmentation maps

Title (de)

Verfahren zur Bearbeitung von 3D-Bildsegmentierungskarten

Title (fr)

Procédé d'édition de cartes de segmentation d'image en 3D

Publication

EP 2116977 A2 20091111 (EN)

Application

EP 09005602 A 20090421

Priority

- US 5073608 P 20080506
- US 34102208 A 20081222

Abstract (en)

A digital image editing method includes receiving a three-dimensional volume image of an anatomical object of interest, wherein the volume image is characterized by first and second mutually exclusive segmentation classes. The method also includes deriving a two-dimensional slice image from the volume image, selecting a single point on the slice image within the second segmentation class, and defining a plane in response to the selection of the single point, the plane dividing the second segmentation class into a target portion corresponding to the object and a remainder portion.

IPC 8 full level

G06T 19/00 (2011.01); **G06K 9/34** (2006.01); **G06T 7/00** (2006.01)

CPC (source: EP US)

G06T 7/11 (2016.12 - EP US); **G06T 19/00** (2013.01 - EP US); **G06T 2207/10081** (2013.01 - EP US); **G06T 2207/20101** (2013.01 - EP US); **G06T 2207/30064** (2013.01 - EP US); **G06T 2219/008** (2013.01 - EP US)

Citation (applicant)

- US 6542153 B1 20030401 - LIU DONG-CHYUAN [US], et al
- US 5075208 P 20080506
- US 5072308 P 20080506
- "Digital Imaging and Communications in Medicine PS 3.3-1999", 1999, NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

Cited by

CN103547902A; US9261441B2; WO2012156862A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2116977 A2 20091111; **EP 2116977 A3 20110302**; US 2009279756 A1 20091112; US 8077948 B2 20111213

DOCDB simple family (application)

EP 09005602 A 20090421; US 34102208 A 20081222